

Amendments to the Claims:

(1) Please cancel claims 8 and 9 without prejudice or disclaimer of the subject matter thereof.

(2) Please amend claims 1-5, and 7, and 10-12.

Listing of Claims:

Claim 1 (Currently amended): A caisson breakwater characterized in that at least one caisson (1) of said caisson breakwater comprises a vertical duct (2), a room (3), and at least one air duct (4) connecting said room (3) with the atmosphere; where: said vertical duct (2) is on the wave beaten side of said caisson (1) and is smaller in width than said room; said vertical duct (2) extends substantially along the whole caisson (1); said vertical duct (2) is connected with the sea through an upper opening (6) beneath the sea level; said vertical duct (2) is connected with the room (3) through a lower opening (7) ~~or through a horizontal or sloping duct (19)~~ thereby producing a U-shaped master column; said room (3) extends substantially along the whole caisson (1); said room (3) is in part beneath the sea level and in part above the sea level; said air duct, ~~or air ducts~~, (4) comprises at least one turbine (5); said caisson (1) further comprising a superstructure (10) positionable above said caisson (1), and a roof (8) located above said room (3); and wherein said caisson (1) having at least one cell adapted to be filled with material.

Claim 2 (Currently amended): The caisson breakwater according to claim 1, where the vertical duct (2) is subdivided into sections (2', 2'', 2''') and the room (3) is subdivided into cells (3', 3'', 3''') by vertical walls (14', 14''), and where said air duct is multiple air ducts (4', 4'', 4''') each connected to each of said cells (3', 3'', 3''') ~~is connected with~~ and the atmosphere through at least one air duct (4', 4'', 4''') with a turbine (5', 5'', 5'''), and where the air ducts (4', 4'', 4''') are provided with valves (9', 9'', 9''') ~~or other closing devices~~.

Claim 3 (Currently amended): ~~The caisson breakwater according to claim 1,~~ A caisson breakwater characterized in that at least one caisson (1) of said caisson breakwater comprises: a vertical duct (2), said vertical duct (2) is on the wave beaten side of said caisson (1) and extends substantially along the whole caisson (1), said vertical duct (2) is connected with the sea through an upper opening (6) beneath the sea level; a room (3) extending substantially along the whole caisson (1), said room (3) is in part beneath the sea level and in part above the sea level, said room (3) is connected with said vertical duct (2) through a lower opening (7); at least one air duct (4) connecting said room (3) with the atmosphere; a superstructure (10) positionable above said caisson (1); and a roof (8) located above said room (3); wherein said caisson (1) having at least one cell adapted to be filled with material; where the vertical duct (2) is subdivided into sections (2', 2'', 2''', 2IV, 2V, 2VI) and the room (3) is subdivided into cells (3', 3'', 3''', 3IV, 3V, 3VI) by vertical walls (14', 14'', 14''', 14IV, 14V), where the air can circulate through the cells (3', 3'', 3''', 3IV, 3V, 3VI) or through groups or said cells, for example through openings (15', 15'', 15IV, 15V) defined in the walls (14', 14'', 14''', 14IV, 14V), and the air in the cells (3', 3'', 3''', 3IV, 3V, 3VI) is connected with the atmosphere through at least one said air-duct (4', 4'') being provided with turbines having at least one turbine (5', 5'') and valve valves (9', 9'') or other closing devices.

Claim 4 (Currently amended): The caisson breakwater according to claim 1, where the vertical duct (2) is subdivided into sections (2', 2'', 2''', 2IV, 2V, 2VI) and the room (3) is subdivided into cells (3', 3'', 3''', 3IV, 3V, 3VI) by vertical walls (14', 14'', 14''', 14IV, 14V), with the cells (3', 3'', 3''', 3IV, 3V, 3VI) being connected with the atmosphere through tubes (16', 16'', 16''', 16IV, 16V, 16VI) which join ~~(directly or with some interposed distribution frames) at least one to said~~ air-duct (4', 4'') ~~being provided with turbines (5', 5''), and where the tubes (16', 16'', 16''', 16IV, 16V, 16VI) are provided with valves (9', 9'', 9''', 9IV, 9V, 9VI) or other closing devices.~~

Claim 5 (Currently amended): The caisson breakwater according to claim [[2]]3 wherein the room (3) is provided with a vertical septum (18), and where said septum (18) extends for all the width of the room (3) and extends in height from the roof (8) downwards without reaching the base of said room (3).

Claim 6 (Previously presented): The caisson breakwater according to claims 1 or 2 or 3 or 4 or 5, further comprising a number of wind mills in the protected water-sheet behind said caisson breakwater.

Claim 7 (Currently amended): The caisson breakwater according to claim [[1]]3, wherein said turbine and said air duct are located above said superstructure and adjacent at a right angle to said room.

Claim 8 (Cancelled).

Claim 9 (Cancelled).

Claim 10 (Currently amended): ~~The caisson breakwater according to claim 8,~~ A caisson breakwater characterized in that at least one caisson (1) of said caisson breakwater comprises: a vertical duct (2) positioned on the wave beaten side of said caisson (1) and extending substantially along the whole caisson (1), said vertical duct (2) is connected with the sea through an upper opening (6) beneath the sea level; a room (3) extending substantially along the whole caisson (1), said room (3) is in part beneath the sea level and in part above the sea level, said room (3) is connected with said vertical duct (2) through a duct (19) thereby producing a U-shaped master column; at least one air duct (4) connecting said room (3) with the atmosphere; a superstructure (10) positionable above said caisson (1); and a roof (8) located above said room (3); wherein said caisson (1) having at least one cell adapted to be filled with material; where said vertical duct (2) is subdivided into sections (2', 2'', 2''', 2IV, 2V, 2VI) and said room (3) is subdivided into cells (3', 3'', 3''', 3IV, 3V, 3VI) by vertical walls (14', 14'', 14''', 14IV, 14V), where the air can circulate through said cells (3', 3'', 3''', 3IV, 3V, 3VI) through openings (15', 15'', 15IV, 15V) defined in said vertical walls (14', 14'', 14''', 14IV, 14V), ~~the air in where each of~~ said cells (3', 3'', 3''', 3IV, 3V,

3VI) is connected with the atmosphere through said air ~~duct~~ ~~ducts~~—each having a turbine and a valve, and wherein said turbines and said air ducts are located above said superstructure and adjacent at a right angle to said room.

Claim 11 (Currently amended): The caisson breakwater as set forth in claim ~~[[8]]~~10, wherein said duct connecting said vertical duct and said room is formed by positioning a material filled caisson cell between said vertical duct and said room, and which extends for all the width of said room and extends in height from said roof downwards without reaching the base of said room thereby forming said duct ~~between said vertical duct and said room.~~

Claim 12 (Currently amended): A caisson breakwater characterized in that at least one caisson (1) of said caisson breakwater comprises at least one cell adapted to be filled with material, a superstructure (10) positionable above said cell, a vertical duct (2), a room (3), and a roof (8) located above said room, ~~and at least one air duct (4) connecting said room (3) with the atmosphere~~; where: said vertical duct (2) is on the wave beaten side of said caisson (1); said vertical duct (2) extends substantially along the whole caisson (1); said vertical duct (2) is connected with the sea through an upper opening (6) beneath the sea level; said vertical duct (2) is connected with the room (3) through a lower opening (7) thereby producing a U-shaped master column; said room (3) extends substantially along the whole caisson (1); said room (3) is in part beneath the sea level and in part above the sea level; ~~said air duct (4) comprises at least one turbine (5)~~; where said vertical duct (2) is subdivided into sections (2', 2", 2"', 2IV, 2V, 2VI) and said room (3) is subdivided into cells (3', 3", 3"', 3IV, 3V, 3VI) by vertical walls (14', 14", 14"', 14IV, 14V), with each of said cells (3', 3", 3"', 3IV, 3V, 3VI) being connected with the atmosphere through tubes (16', 16", 16"', 16IV, 16V, 16VI) which join to at least one air duct (4', 4") being provided with said a turbine (5', 5"), and where each of said tubes (16', 16", 16"', 16IV, 16V, 16VI) are provided with valves (9', 9", 9"', 9IV, 9V, 9VI).